**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supplemental Math Instruction – Mrs. Britton**

**Evaluating Expressions (A1.1.1.3)**

**1.** Evaluate the following expression when *n* = 7.

|*n* - 6| - |5 - *n*|

|  |  |  |
| --- | --- | --- |
|  | **A.** | 3 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | -6 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | -3 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | -1 |

**2.** Simplify the following expression.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**3.** Simplify the following.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**4.**

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**5.** Simplify the following expression.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**6.** Simplify:

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** | - |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** | + |

**7.** Simplify:

|  |
| --- |
|  |

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**8.** Simplify the following expression.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**9.** Evaluate the following expression when *r* = 3 and *t* = 2.

6*r**t* + 47

|  |  |  |
| --- | --- | --- |
|  | **A.** | 71 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | 101 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | 119 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | 65 |

**10.** Evaluate the following expression when *r* = 4 and *t* = -2.

64*rt*

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**11.** Evaluate the following expression when *n* = -6.

6|*n* + 5|

|  |  |  |
| --- | --- | --- |
|  | **A.** | 7 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | 6 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | -6 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | 66 |

**12.** Simplify the following expression.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**13.**

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**14.** Simplify: 8(|-12 + 30| + 12) - 30

|  |  |  |
| --- | --- | --- |
|  | **A.** | 108 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | 210 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | 192 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | 270 |

**15.** Simplify the following expression.

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**16.** Evaluate the following expression when *n* = 3.

2|4 - 5*n*| + |2|

|  |  |  |
| --- | --- | --- |
|  | **A.** | 24 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | 20 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | -20 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | -24 |

**17.**

|  |  |  |
| --- | --- | --- |
|  | **A.** |  |

|  |  |  |
| --- | --- | --- |
|  | **B.** |  |

|  |  |  |
| --- | --- | --- |
|  | **C.** |  |

|  |  |  |
| --- | --- | --- |
|  | **D.** |  |

**18.** Simplify: |60 - 3 • 19| - 10|2 - 4|

|  |  |  |
| --- | --- | --- |
|  | **A.** | -17 |

|  |  |  |
| --- | --- | --- |
|  | **B.** | 21 |

|  |  |  |
| --- | --- | --- |
|  | **C.** | 17 |

|  |  |  |
| --- | --- | --- |
|  | **D.** | -21 |